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PTO/SB/21 (08-03)
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/708,124	
	Filing Date	February 9, 2004	
	First Named Inventor	Susumu Noda	
	Art Unit	2874	
	Examiner Name	Phan T.H. Palmer	
Total Number of Pages in This Submission	51	Attorney Docket Number	39.038

ENCLOSURES (Check all that apply)		
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Date	June 7, 2004

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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App. No. : 10/708,124 Confirmation No. 2123
Applicant : Susumu Noda, et al.
Filed : February 9, 2004
Tech. Cntr./Art Unit : 2874
Examiner : Phan T.H. Palmer

Docket No. : 39.038
Customer No. : 29453

Honorable Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT


Sir:

This constitutes an Information Disclosure Statement pursuant to 37 C.F.R. §§ 1.97 and 1.98. The attached documents listed on the accompanying Form PTO/SB/08A are hereby brought to the Examiner's attention in the patent application identified above.

The Examiner is respectfully requested to consider these references, and to indicate so on the accompanying Form PTO/SB/08A and make the document of record in the present application.

Respectfully submitted,

June 7, 2004


James W. Judge
Registration No. 42,701

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PTO/SB/08A (10-01)

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Substitute for form 1449A/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/708,124		
		Filing Date	February 9, 2004		
		First Named Inventor	Susumu Noda		
		Art Unit	2874		
		Examiner Name	(To be assigned)		
Sheet	1	of	2	Attorney Docket Number	39.038

U.S. PATENT DOCUMENTS					
Examiner Initials ¹	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
	A1	US- 2002/0009277-A1	01-24-2002	Noda et al.	
		US-			
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FOREIGN PATENT DOCUMENTS						
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		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)			

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Complete if Known	
		Application Number	10/708,124
		Filing Date	February 9, 2004
		First Named Inventor	Susumu Noda
		Group Art Unit	2874
		Examiner Name	(To be assigned)
		Attorney Docket Number	39.038

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	O1	S. Noda, et al., "Trapping and emission of photons by a single defect in a photonic bandgap structure," Nature, Vol. 407, 5 October 2000, pp. 608-610.	
	O2	O. Painter, et al., "Two-Dimensional Photonic Band-Gap Defect Mode Laser," SCIENCE, Vol. 284, 11 June 1999, pp. 1819-1821.	
	O3	J. Vuckovic, et al., "Design of photonic crystal microcavities for cavity QED," PHYSICAL REVIEW E, Vol. 65, pp. 016608-1 to 016608-11.	
	O4	O. Painter, et al., "Defect modes of a two-dimensional photonic crystal in an optically thin dielectric slab," J. Opt. Soc. Am. B, Vol. 16, No. 2, February 1999, pp. 275-285.	

Examiner Signature		Date Considered	
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